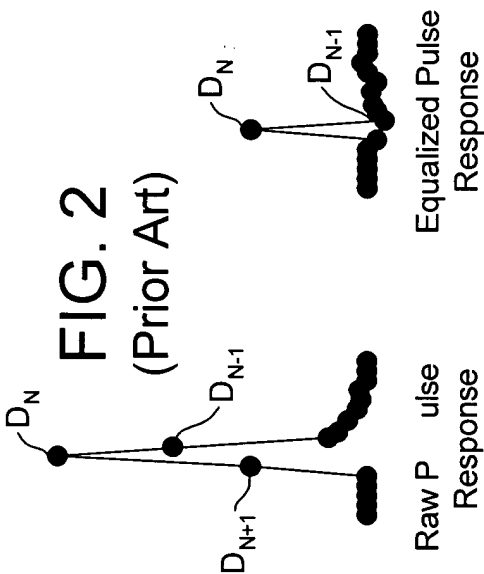
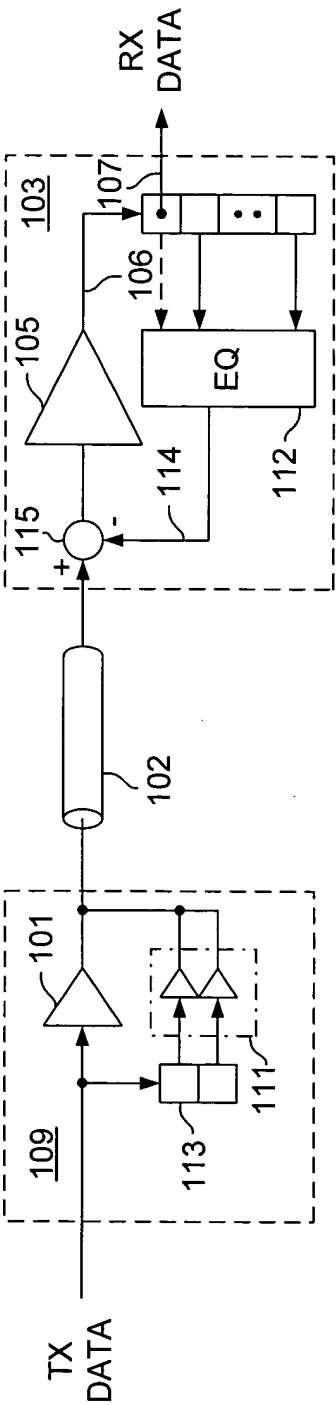


FIG. 1  
(Prior Art)



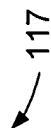


FIG. 4

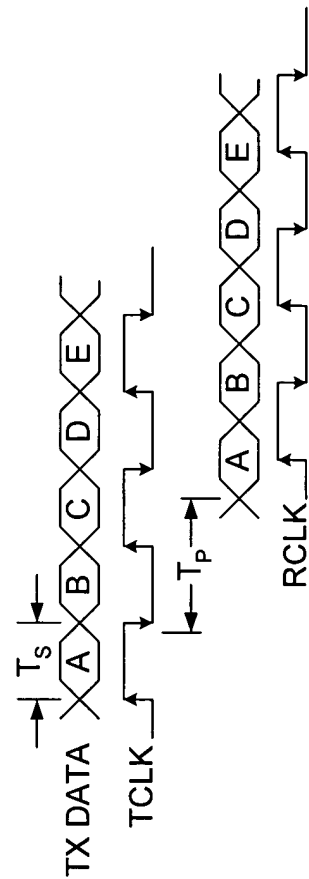


FIG. 5

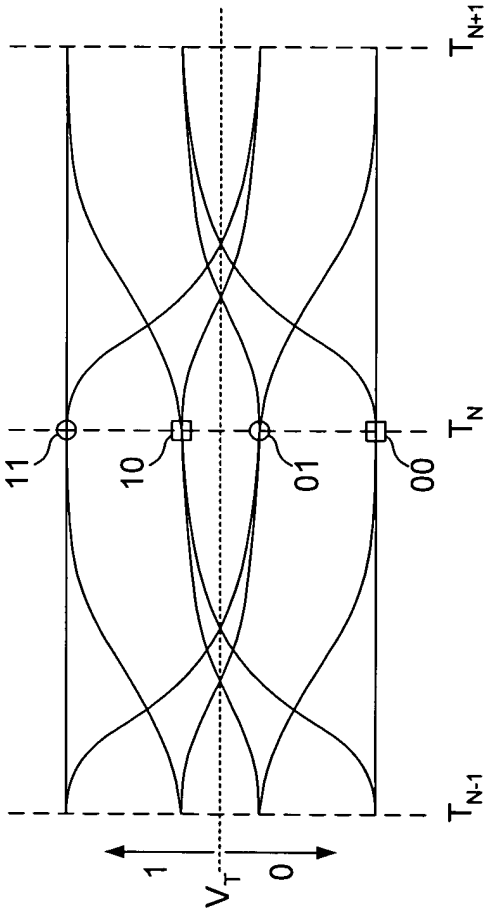
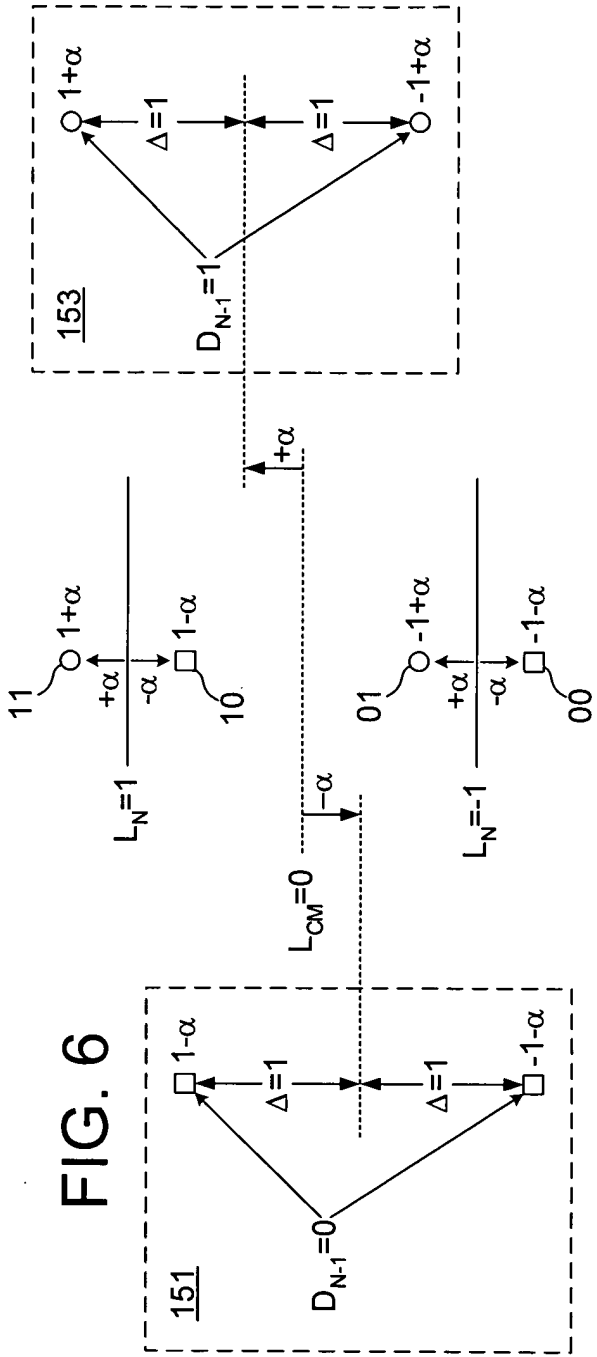
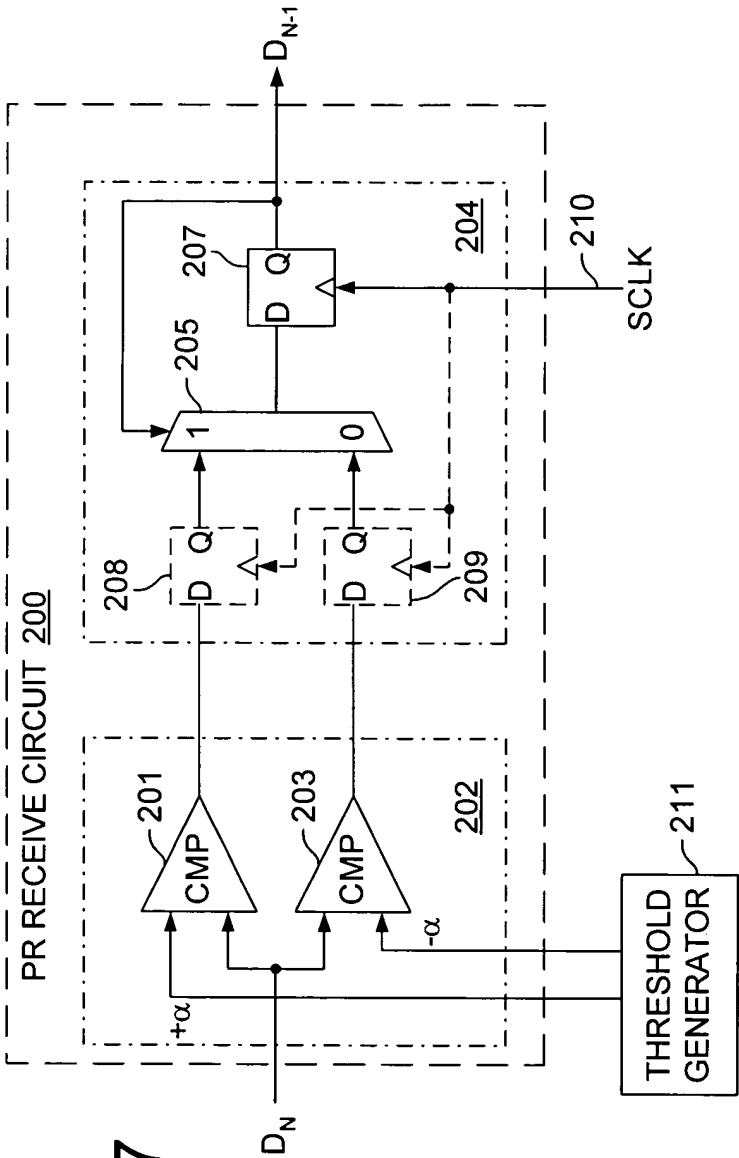


FIG. 6





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FIG. 9

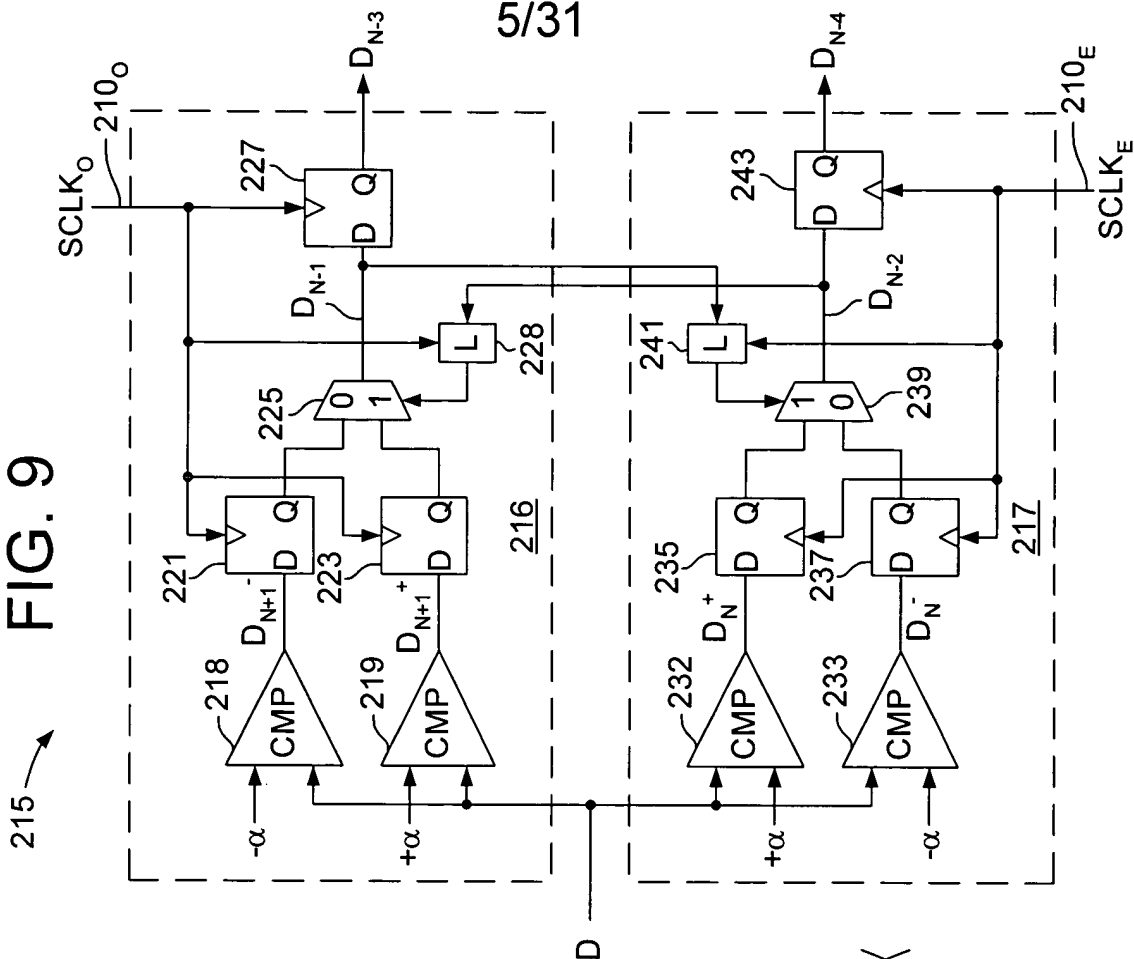


FIG. 8

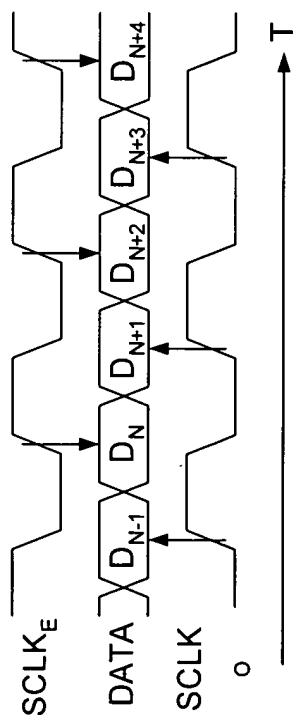
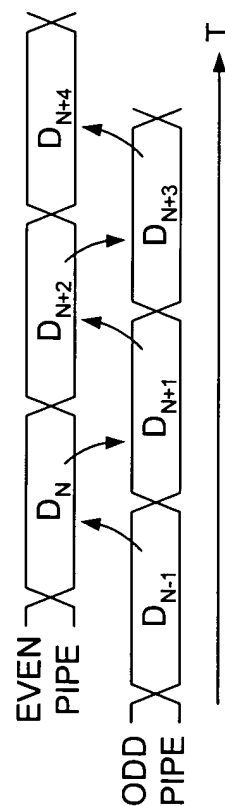


FIG. 10



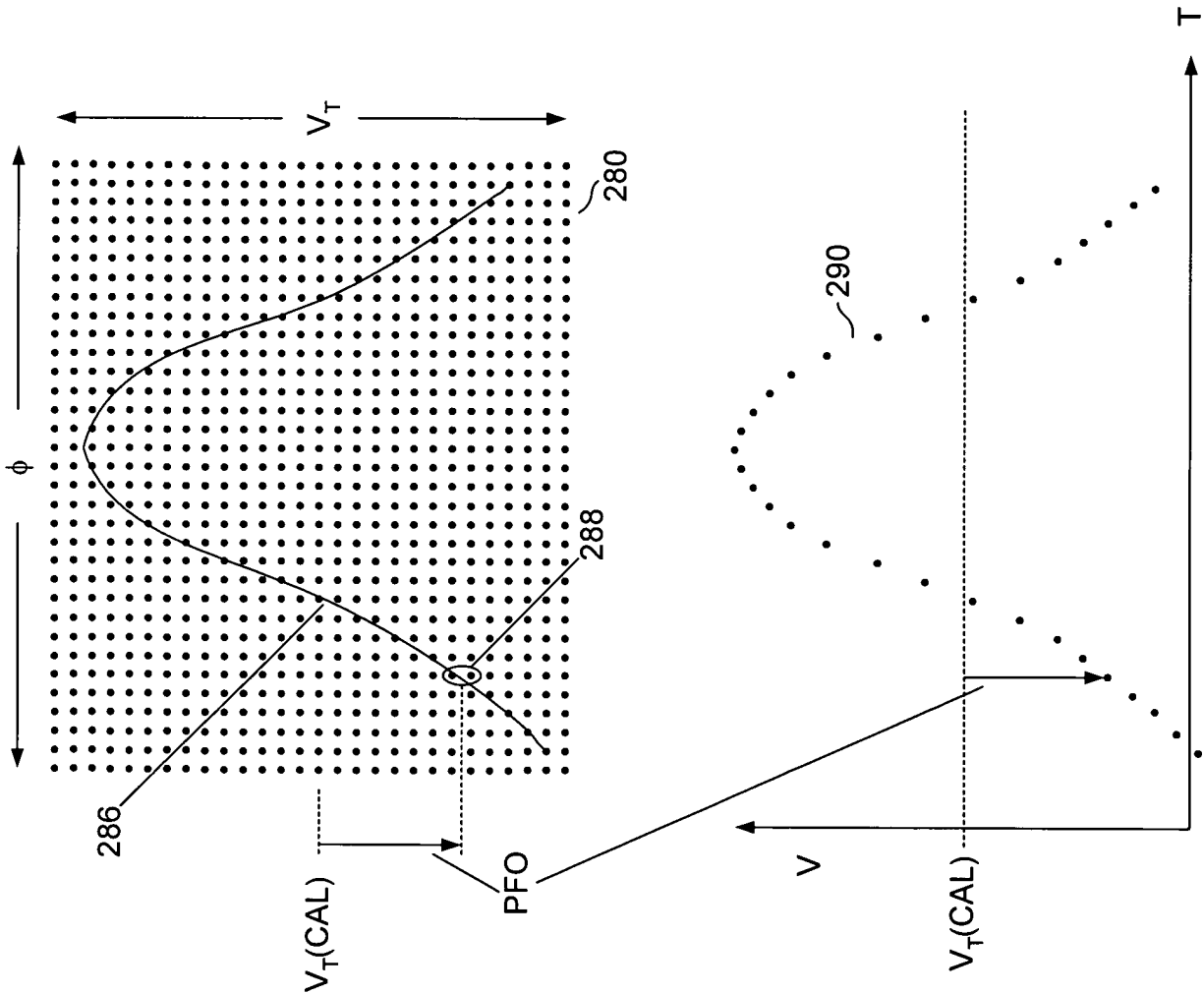


FIG. 11

**FIG. 12**

00..00100..00

PATTERN GENERATOR 303

TX DATA

APPLICATION LOGIC 302

SCOPE 301

1 0

305

307

122

309

THRESH ADJ 315

PREG 311

312

313

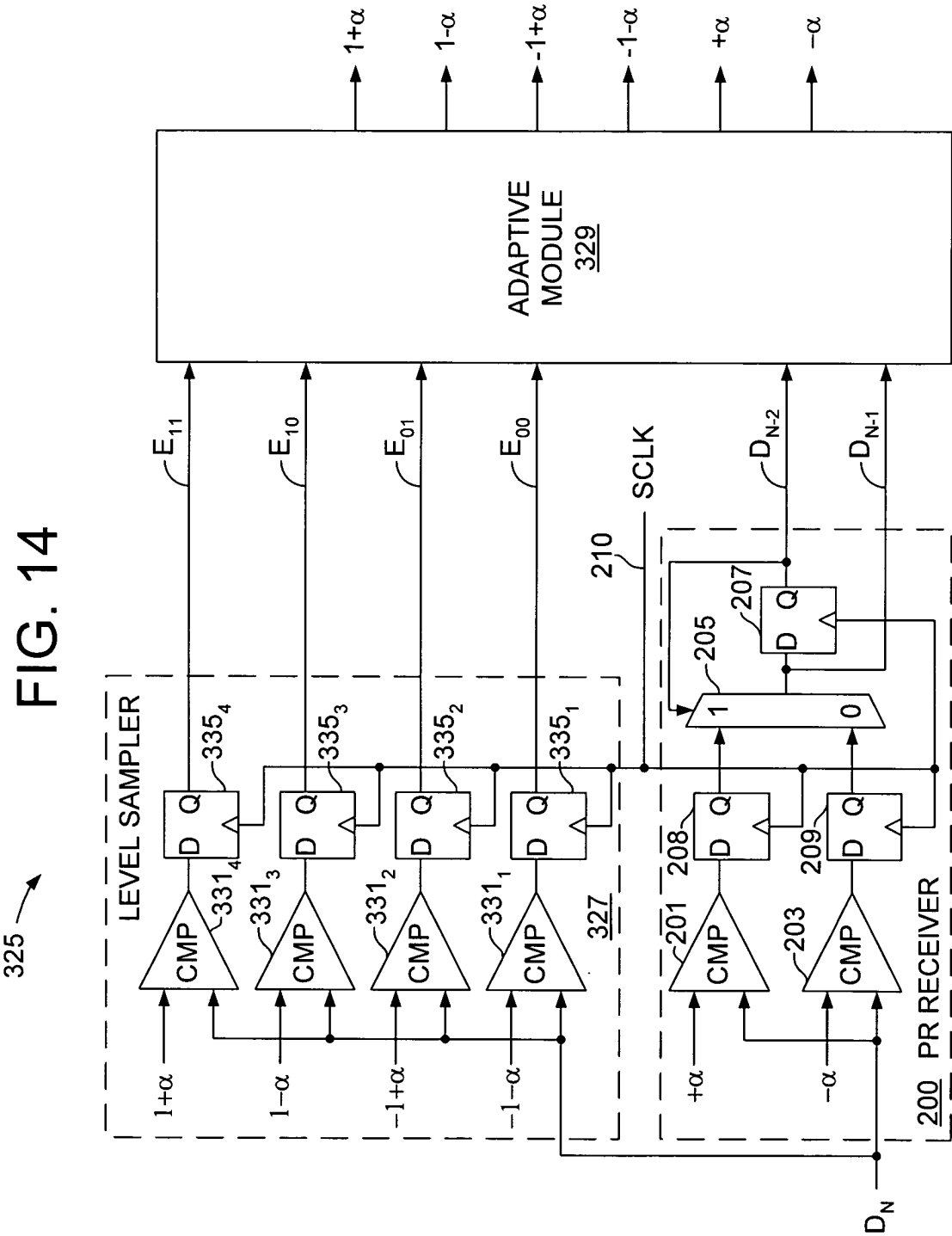




FIG. 15

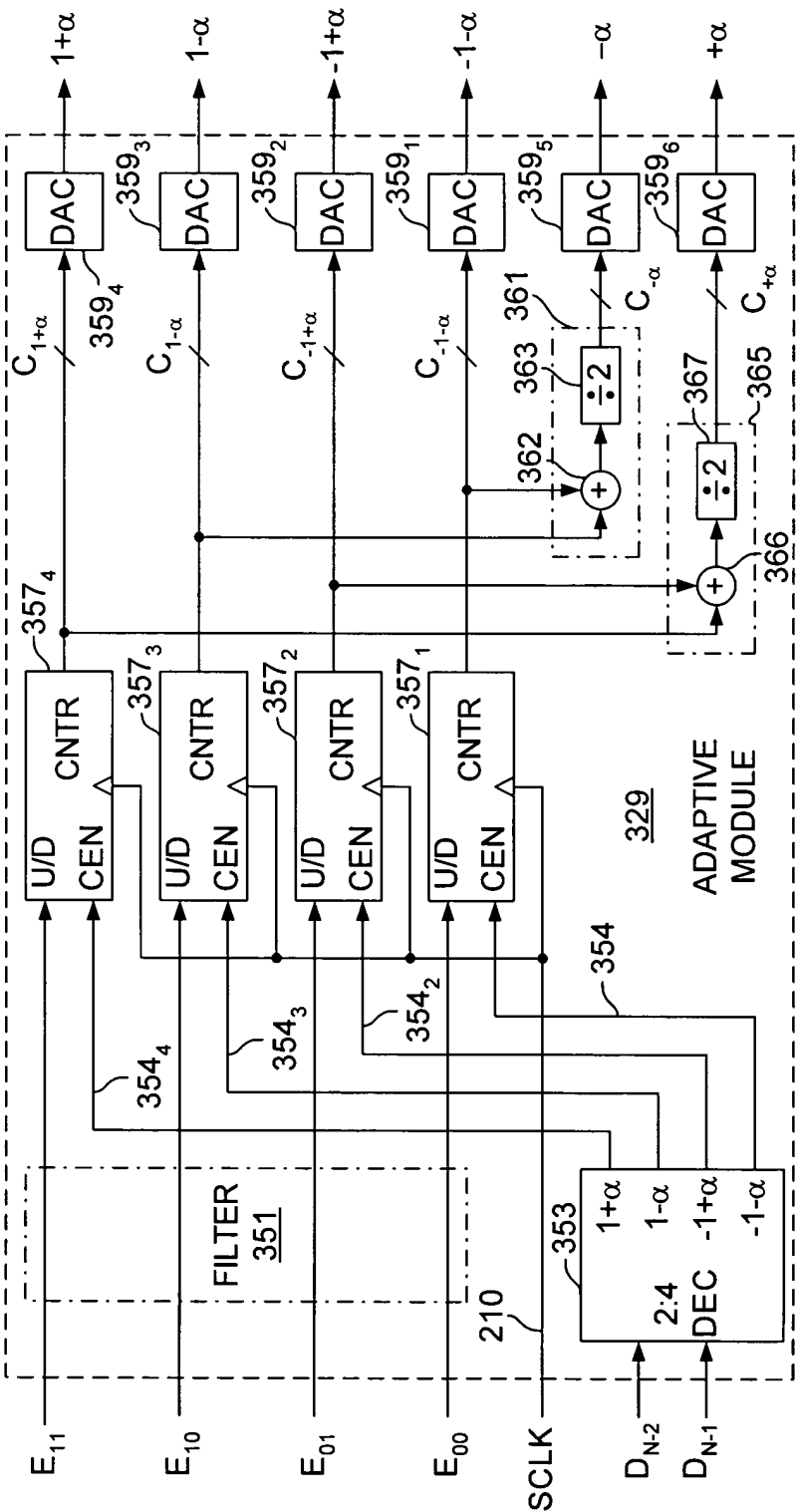


FIG. 16

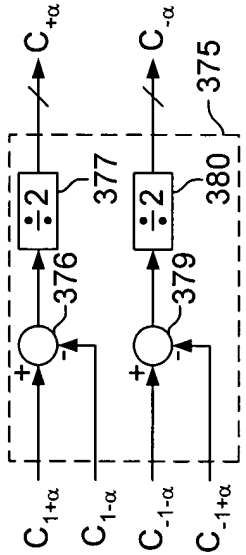
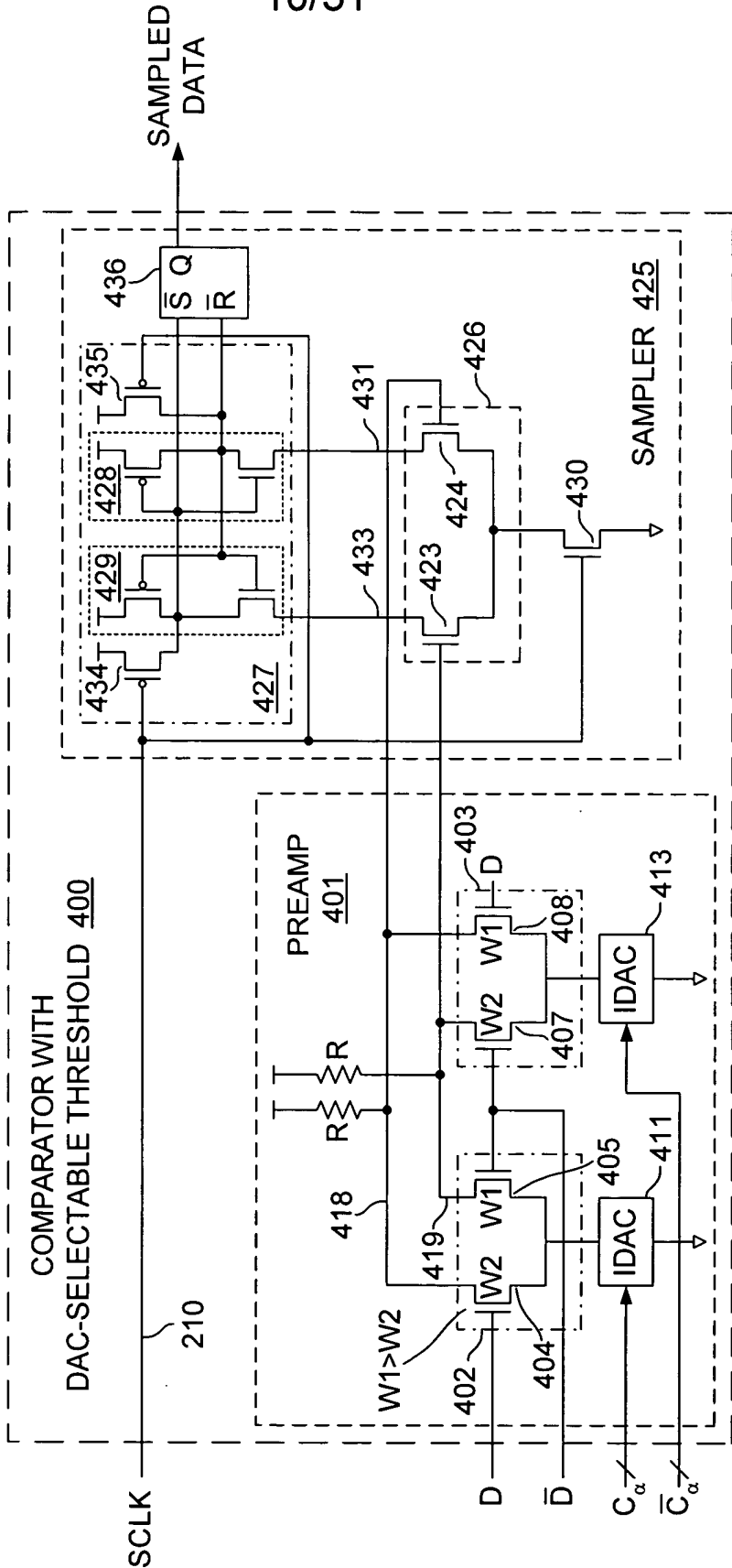
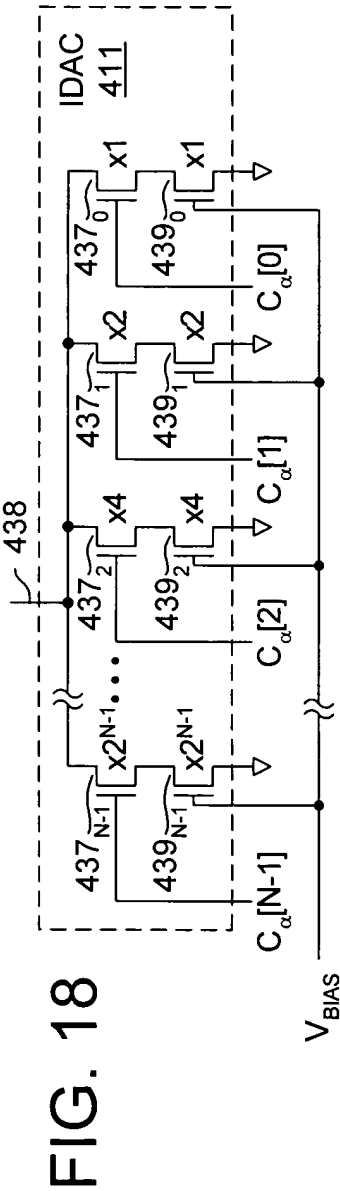
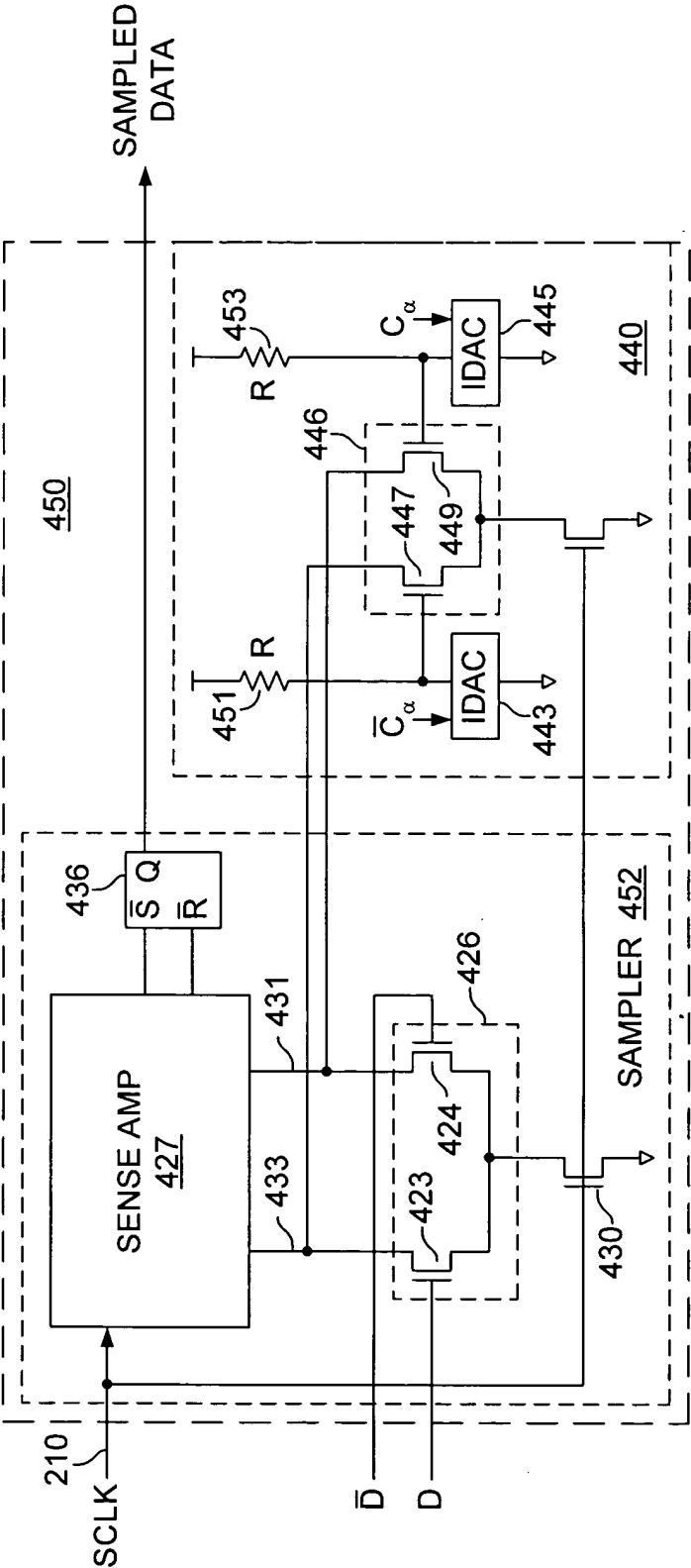


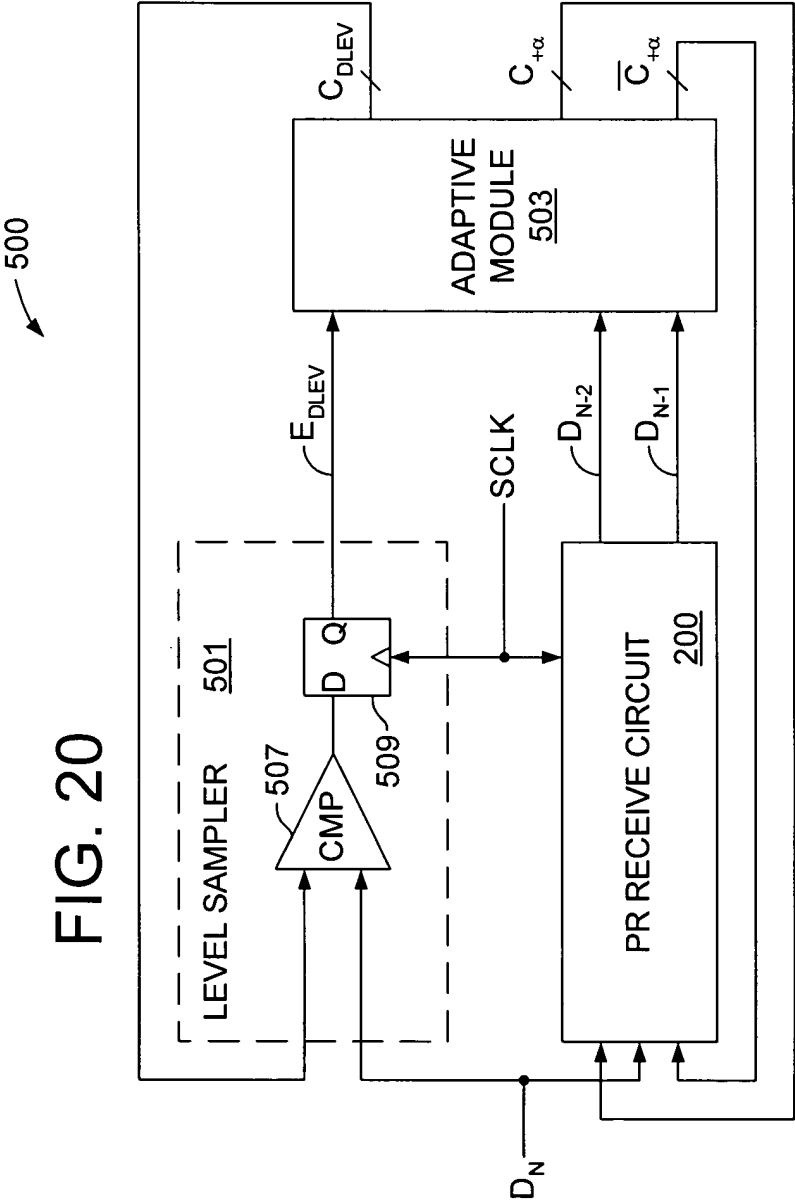
FIG. 17





**FIG. 19**





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FIG. 21

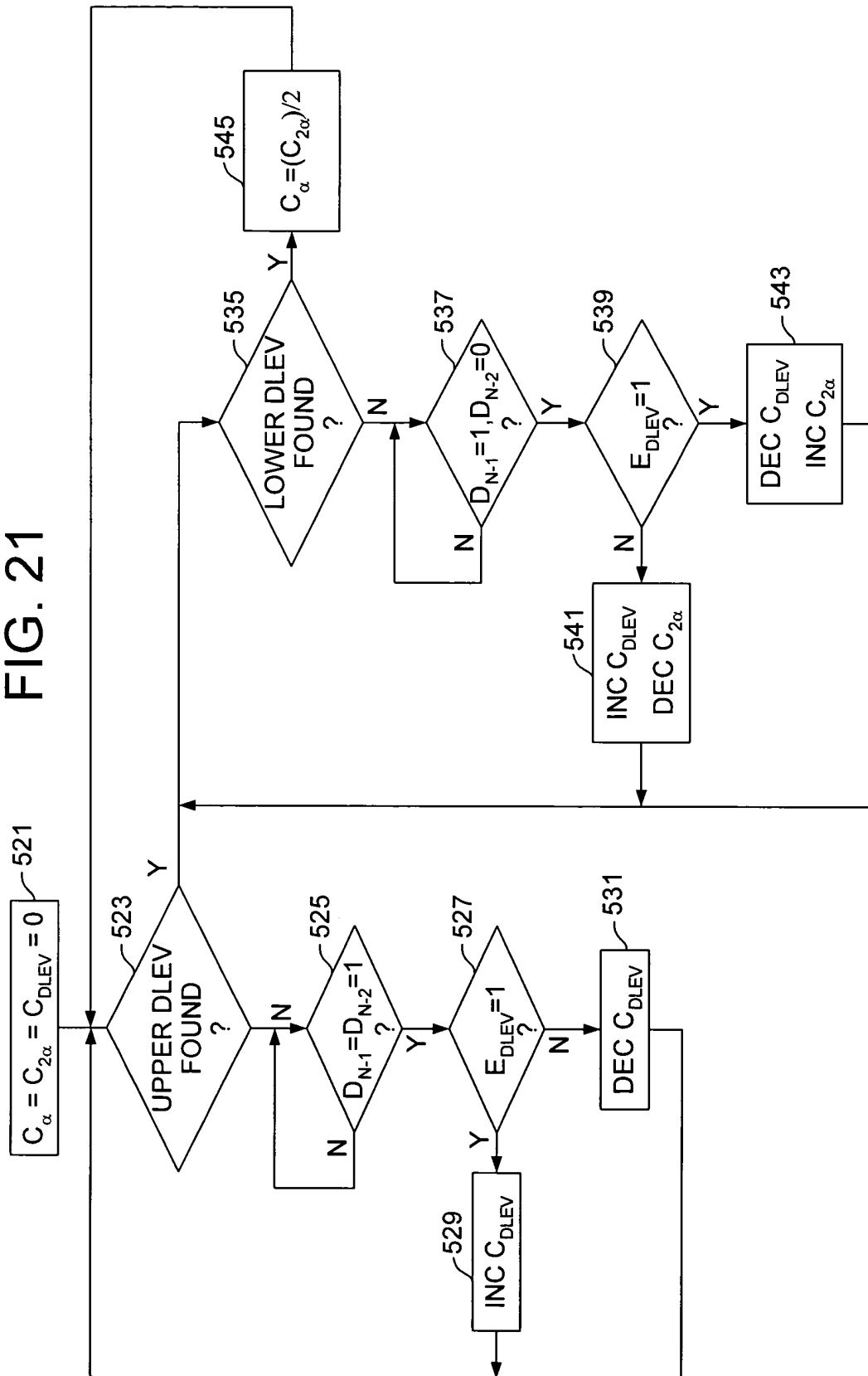


FIG. 22

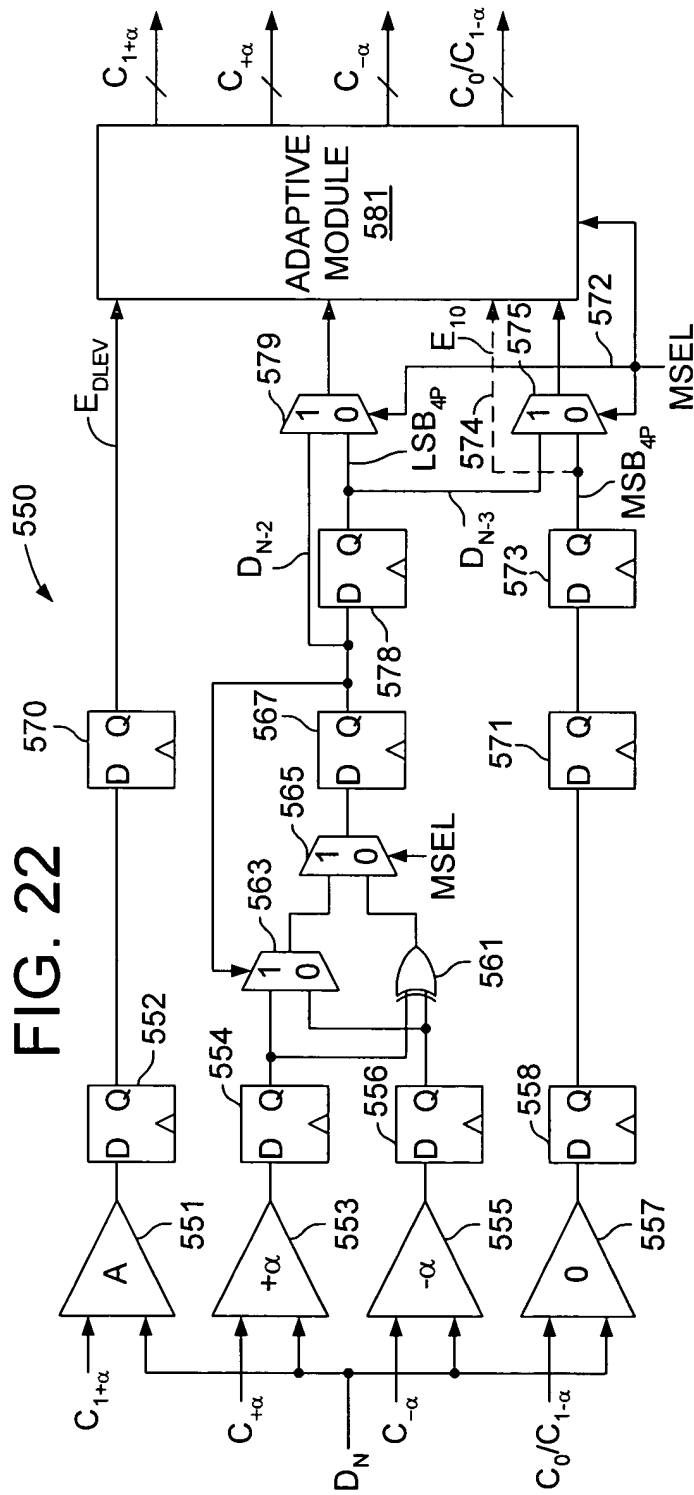


FIG. 23

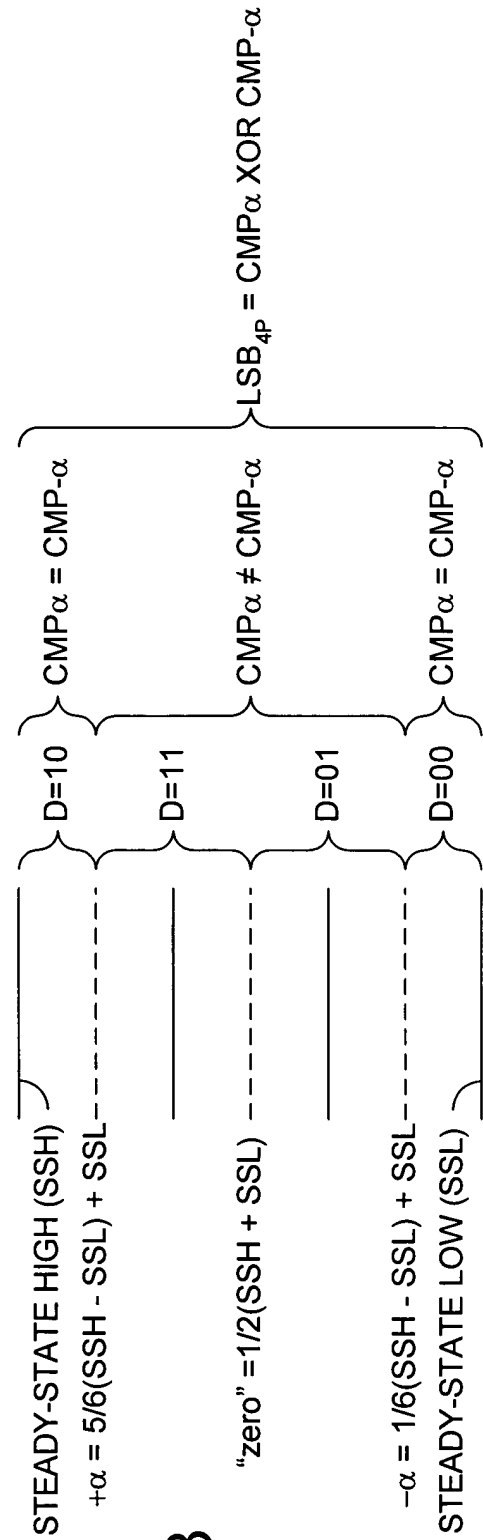


FIG. 24

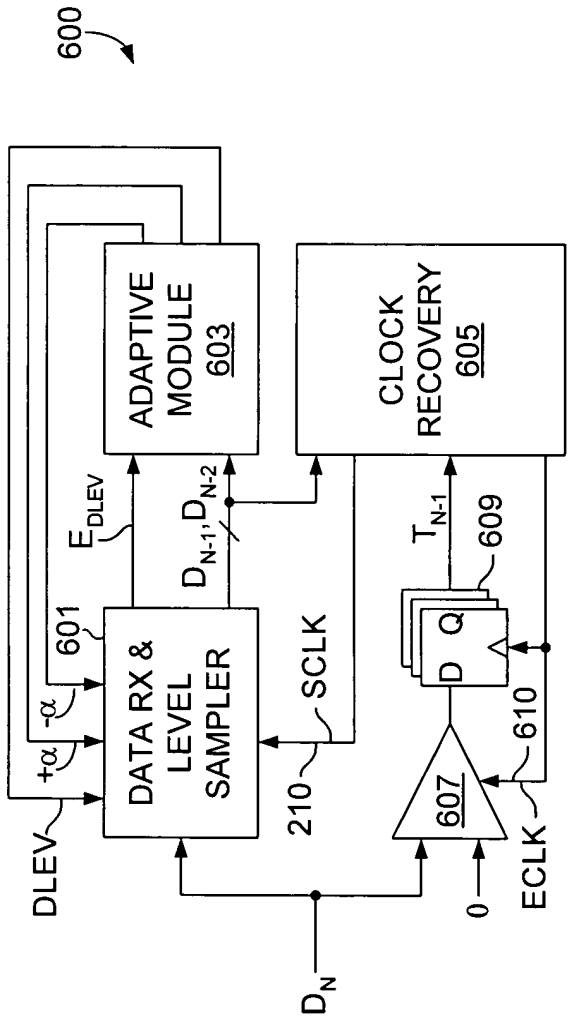


FIG. 26

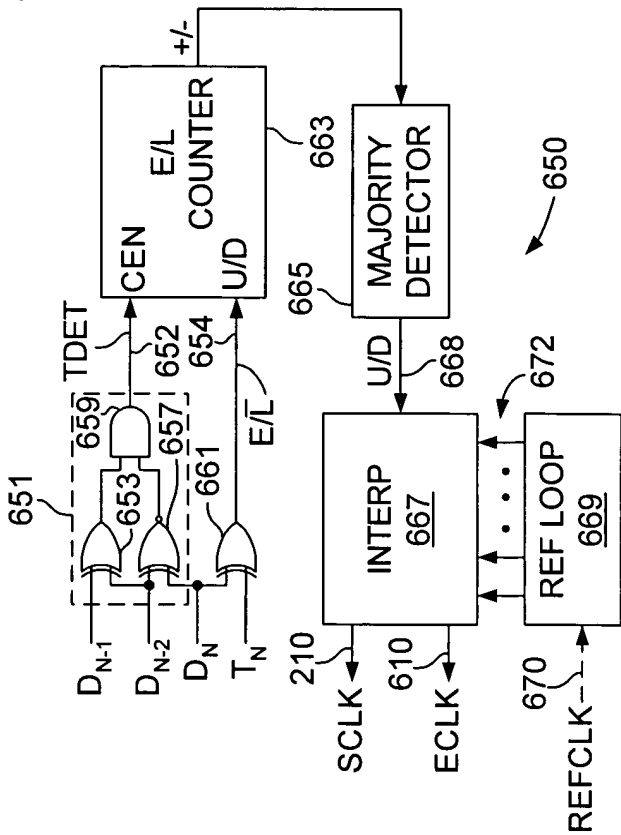


FIG. 25

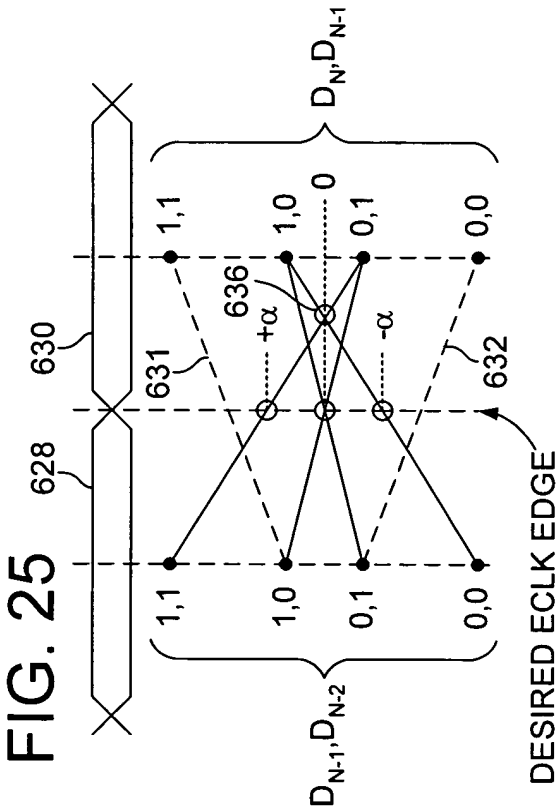


FIG. 27

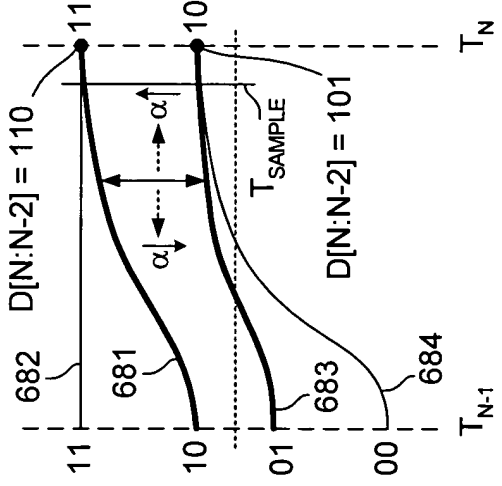


FIG. 28

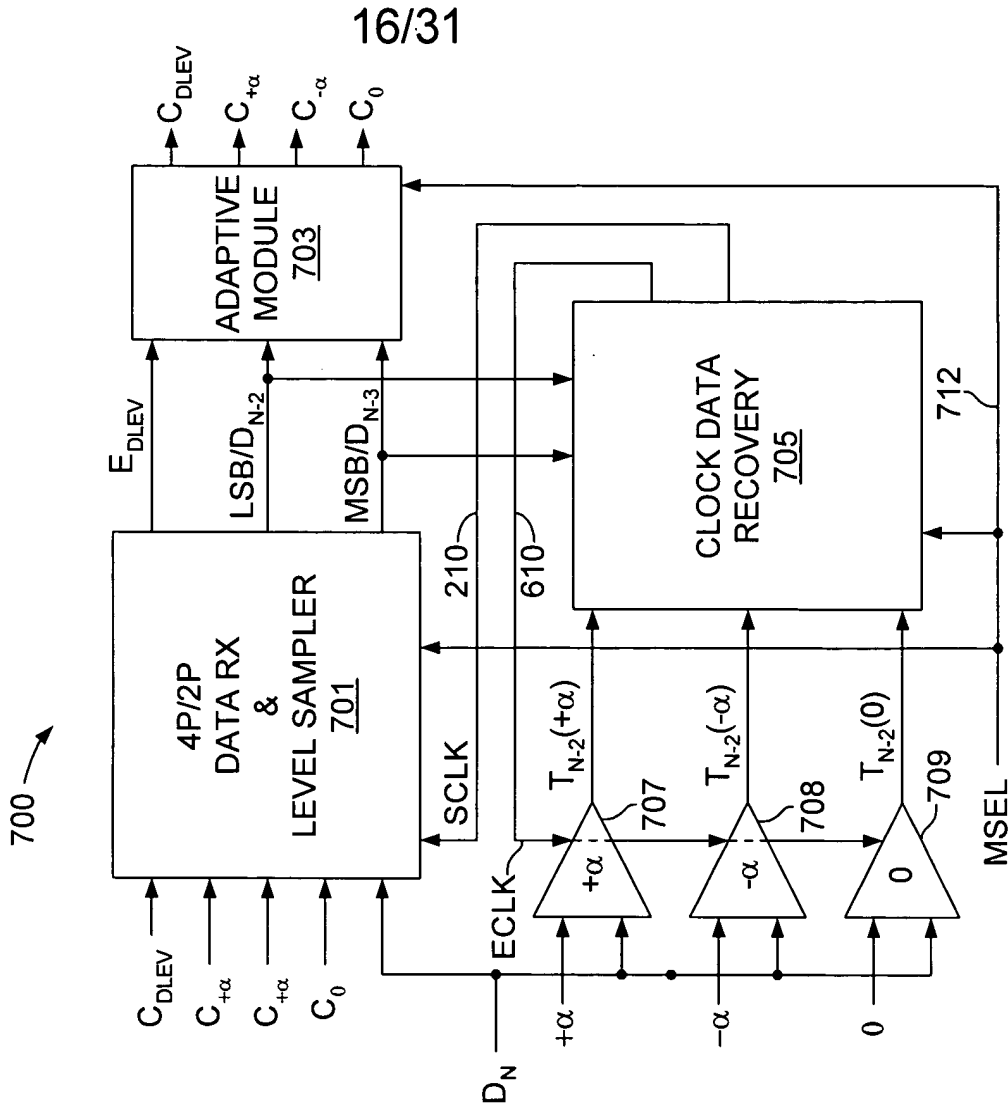




FIG. 29

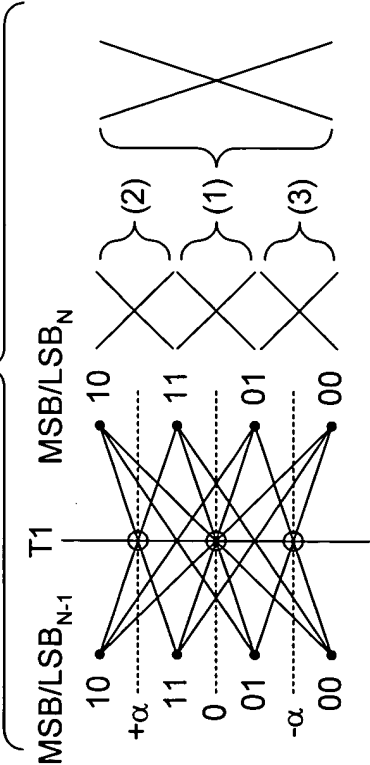


FIG. 30

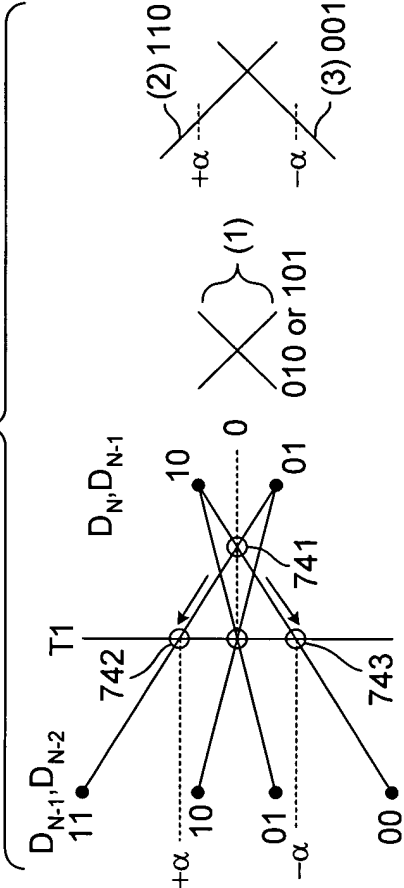


FIG. 31

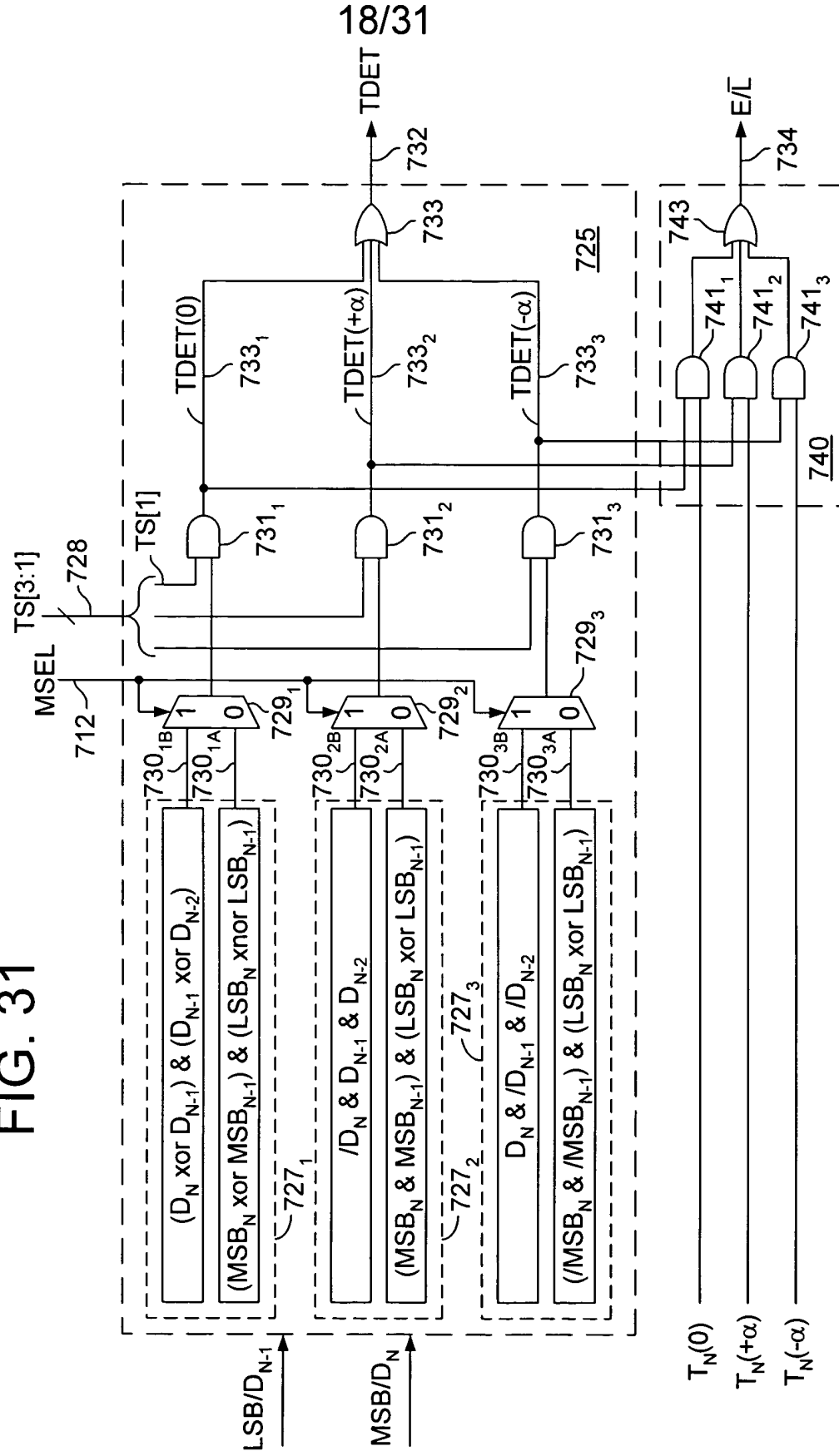


FIG. 32

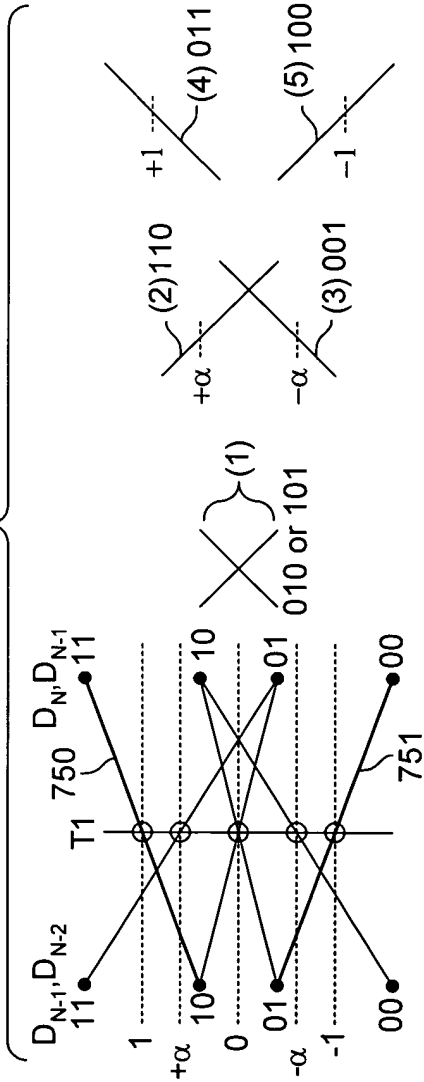
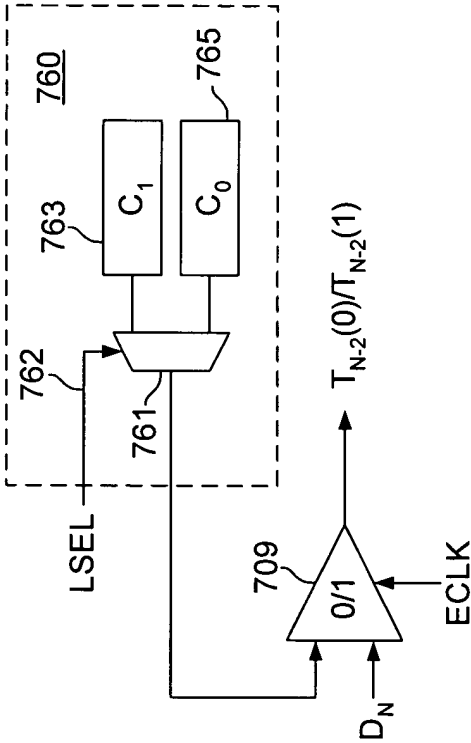


FIG. 33



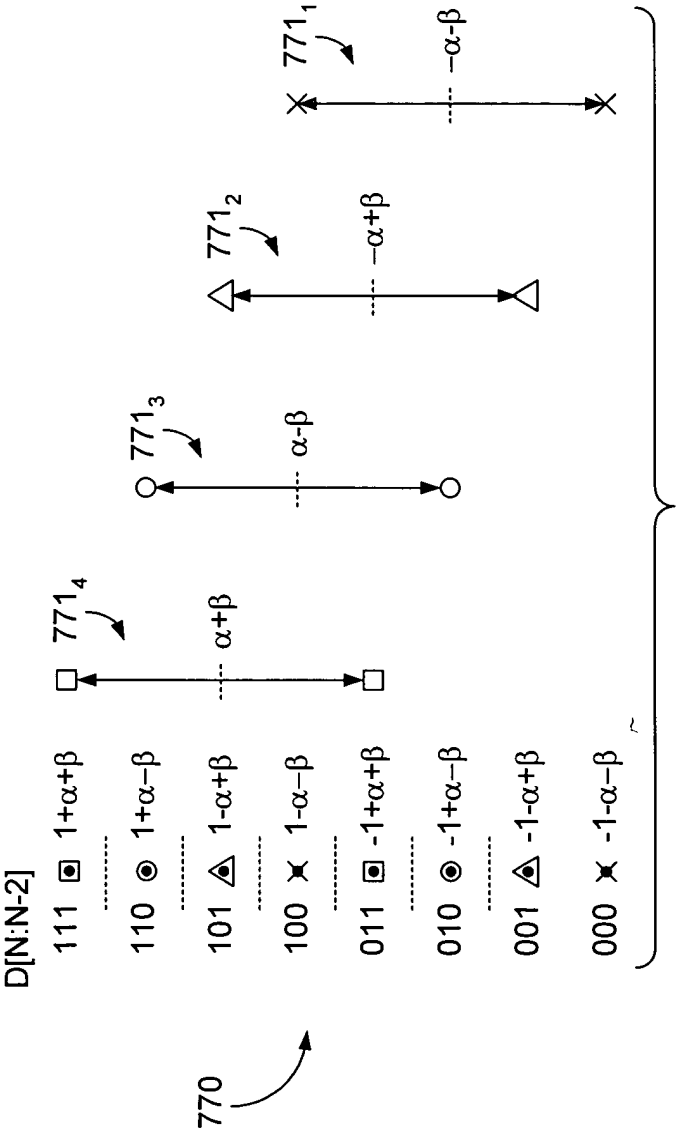
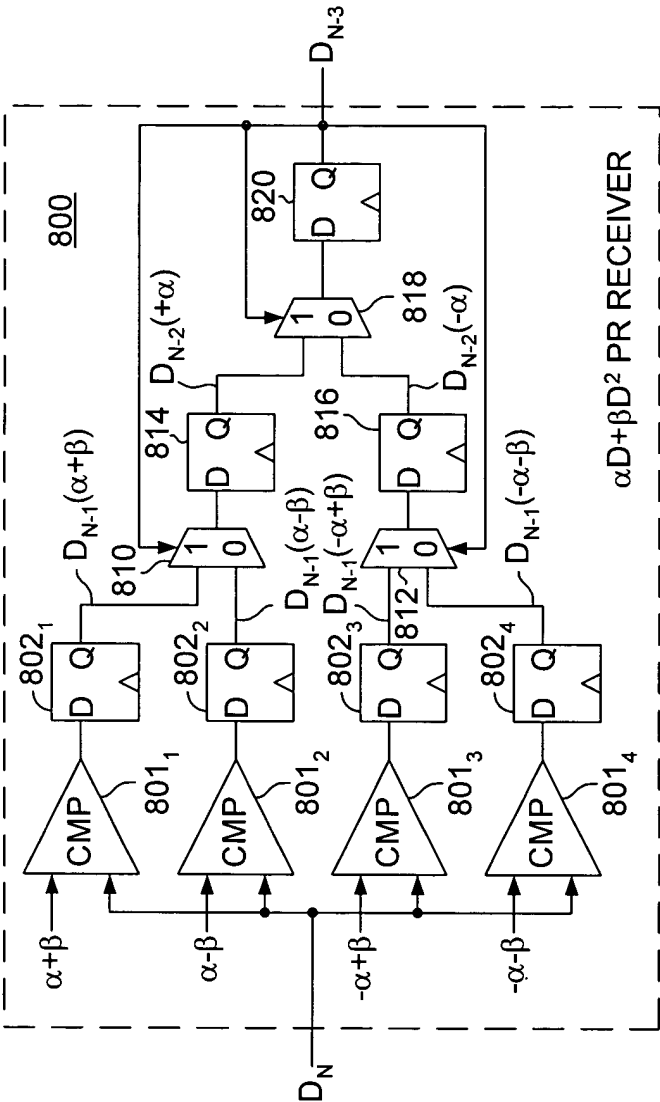


FIG. 35



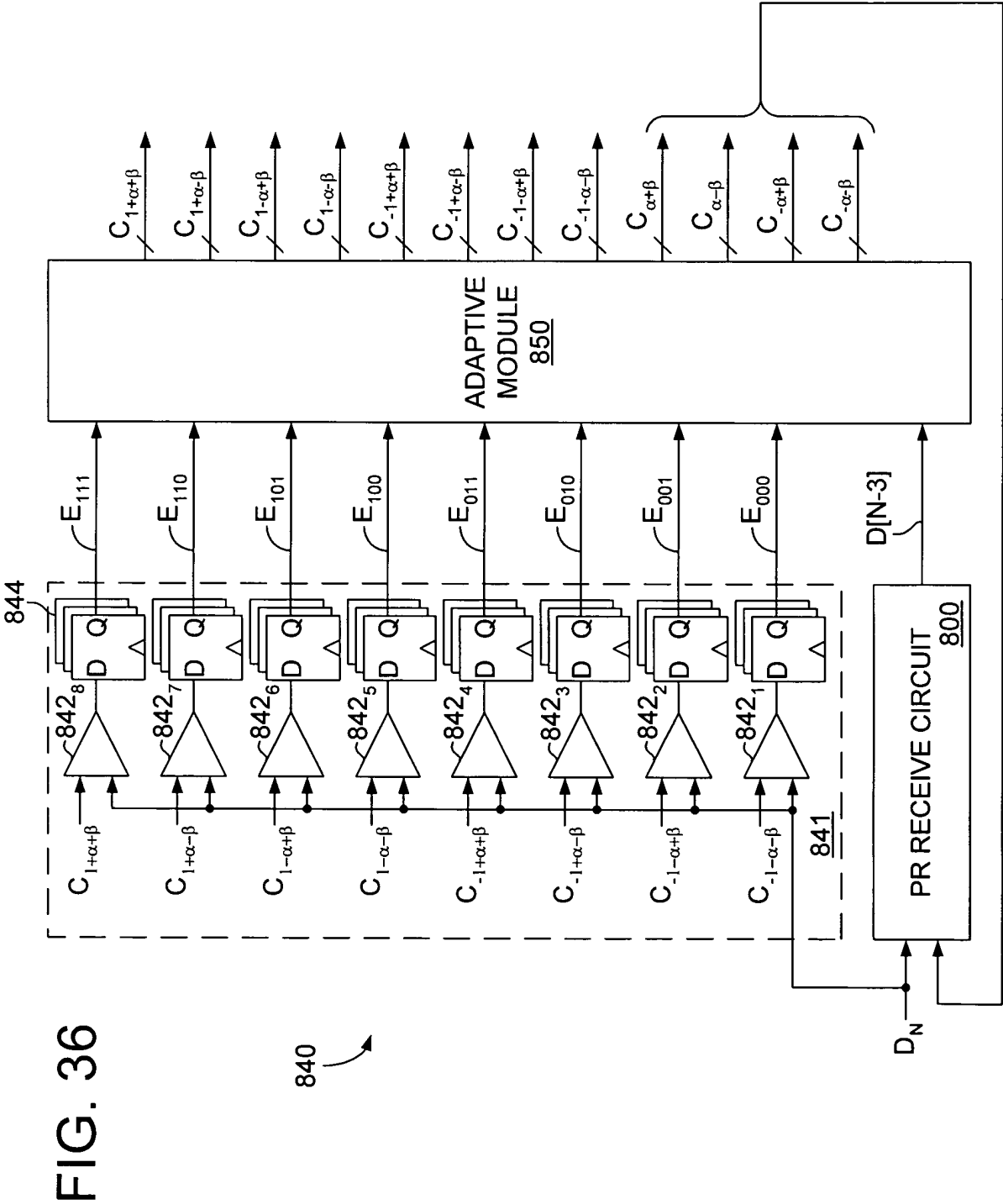


FIG. 37

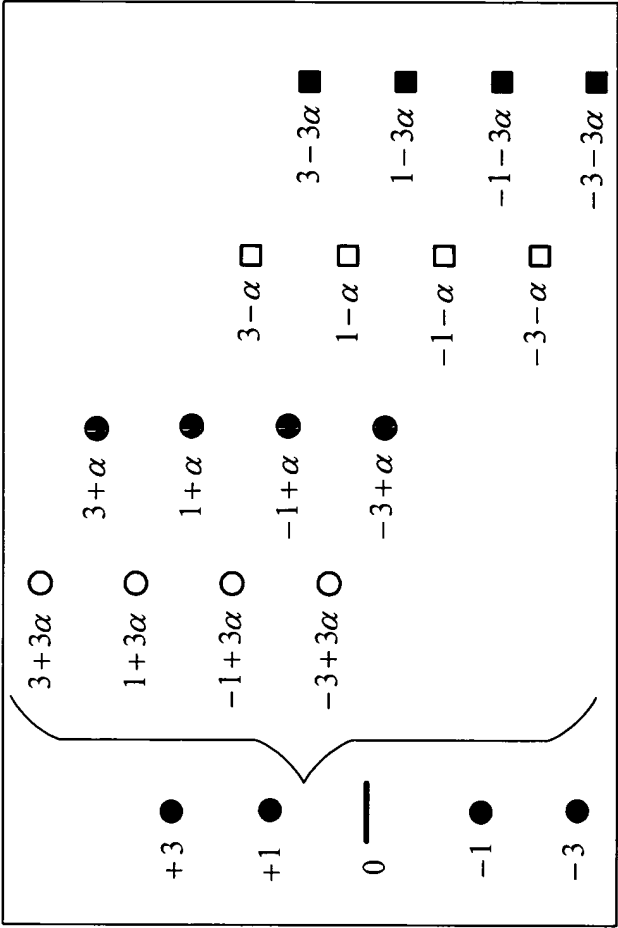
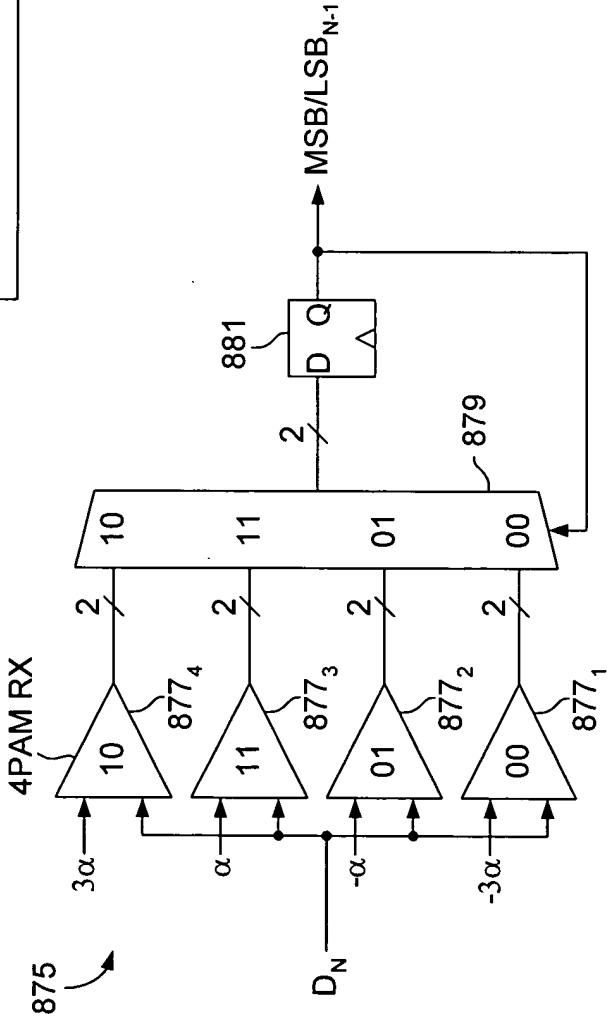


FIG. 38



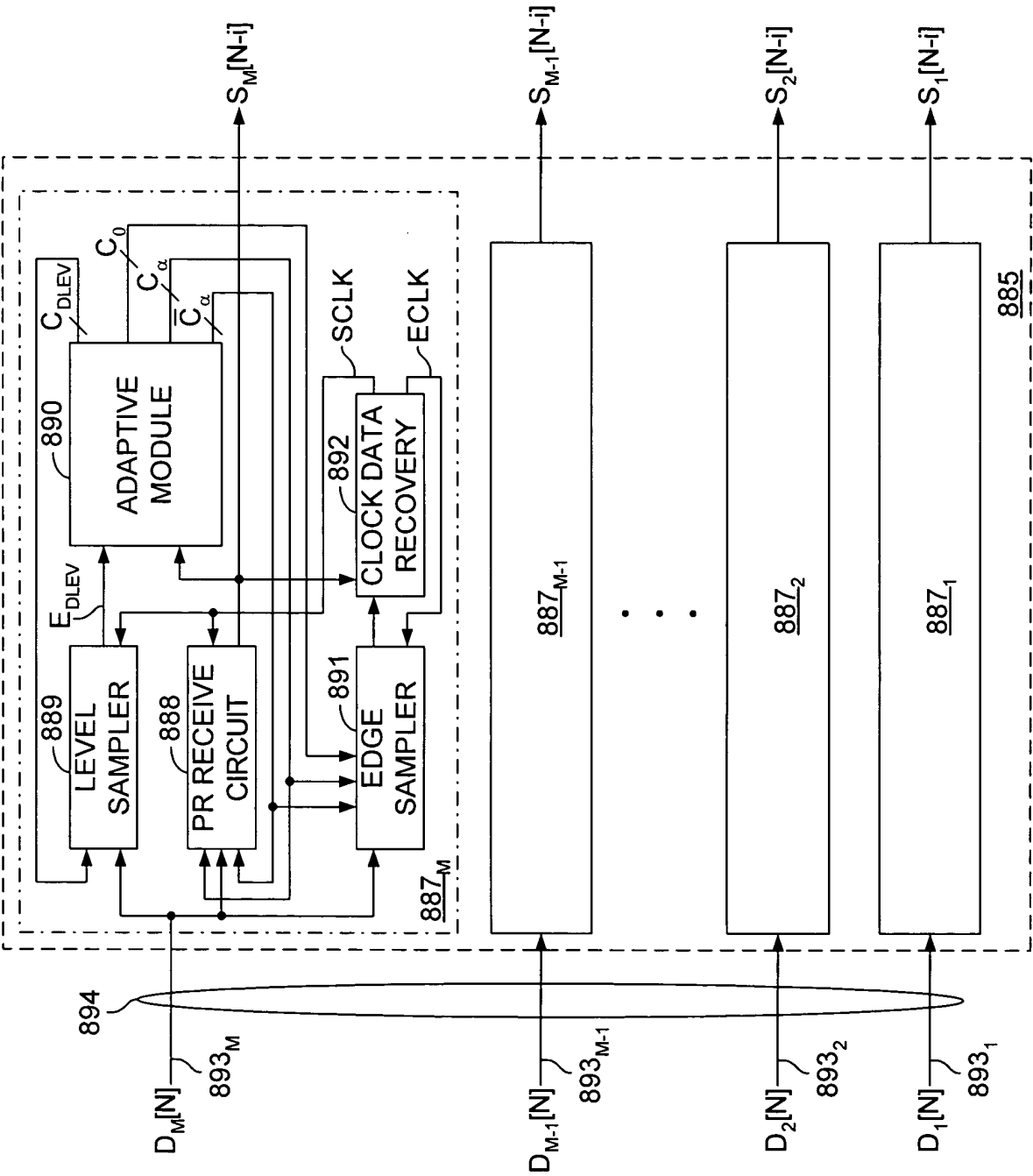
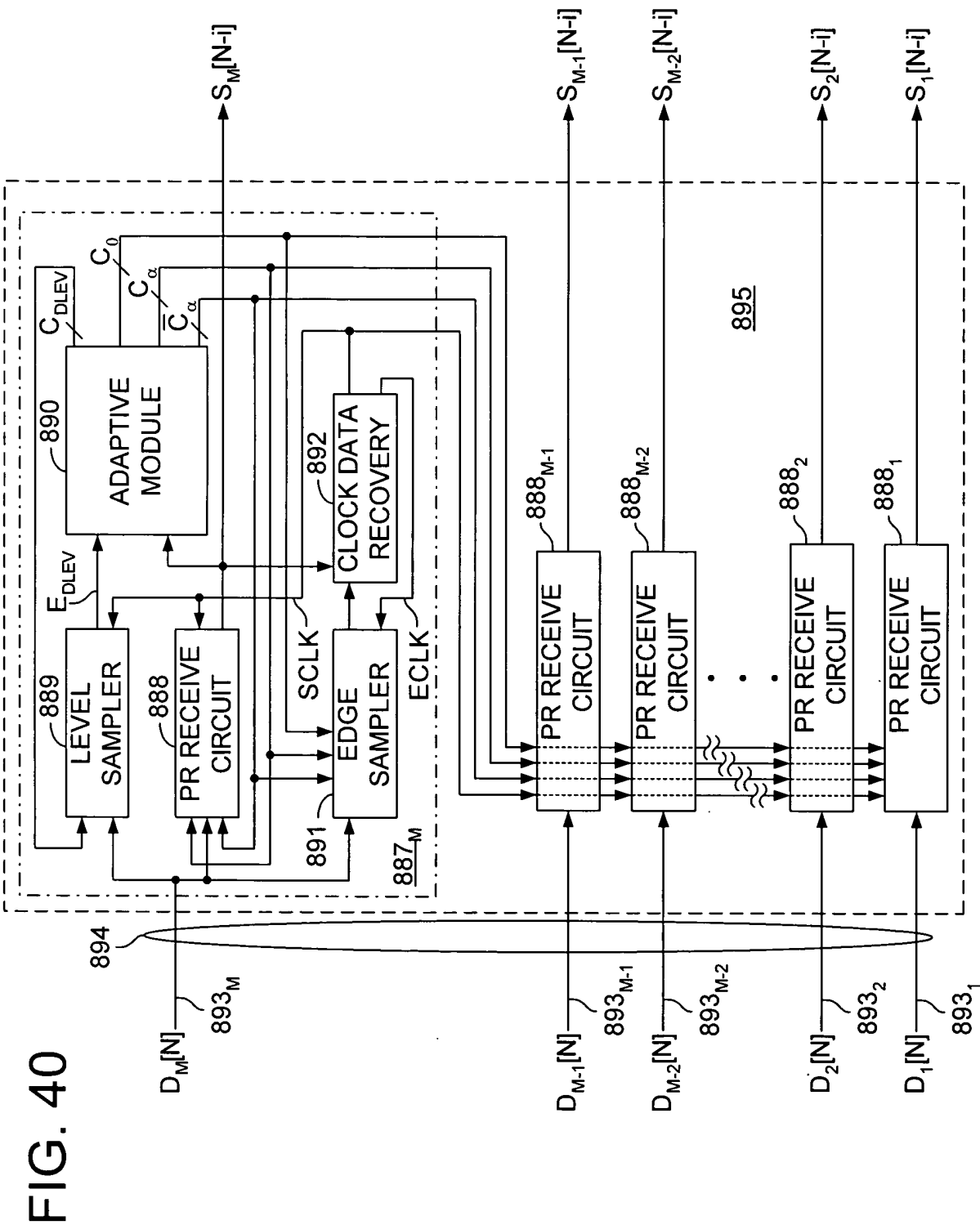
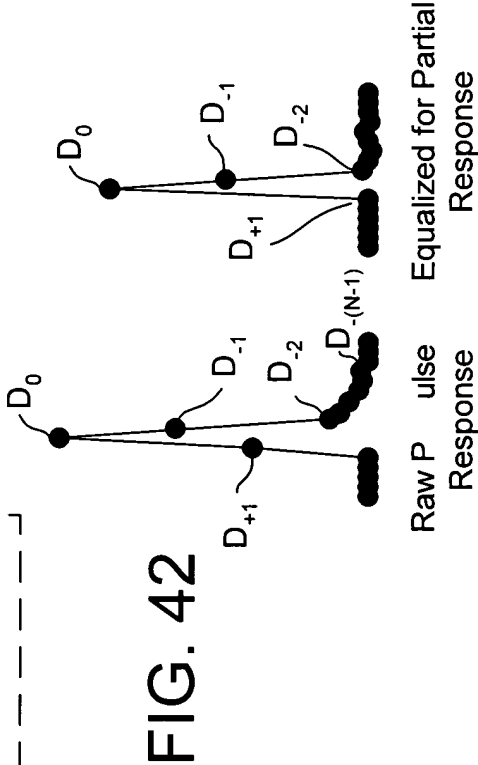
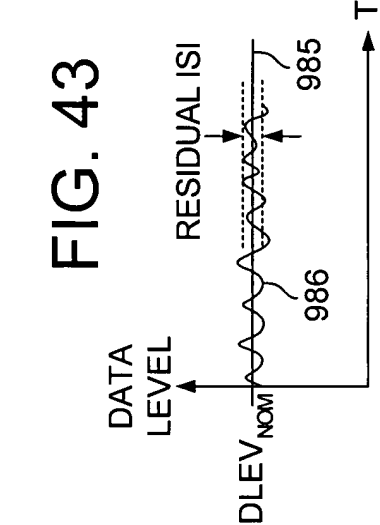
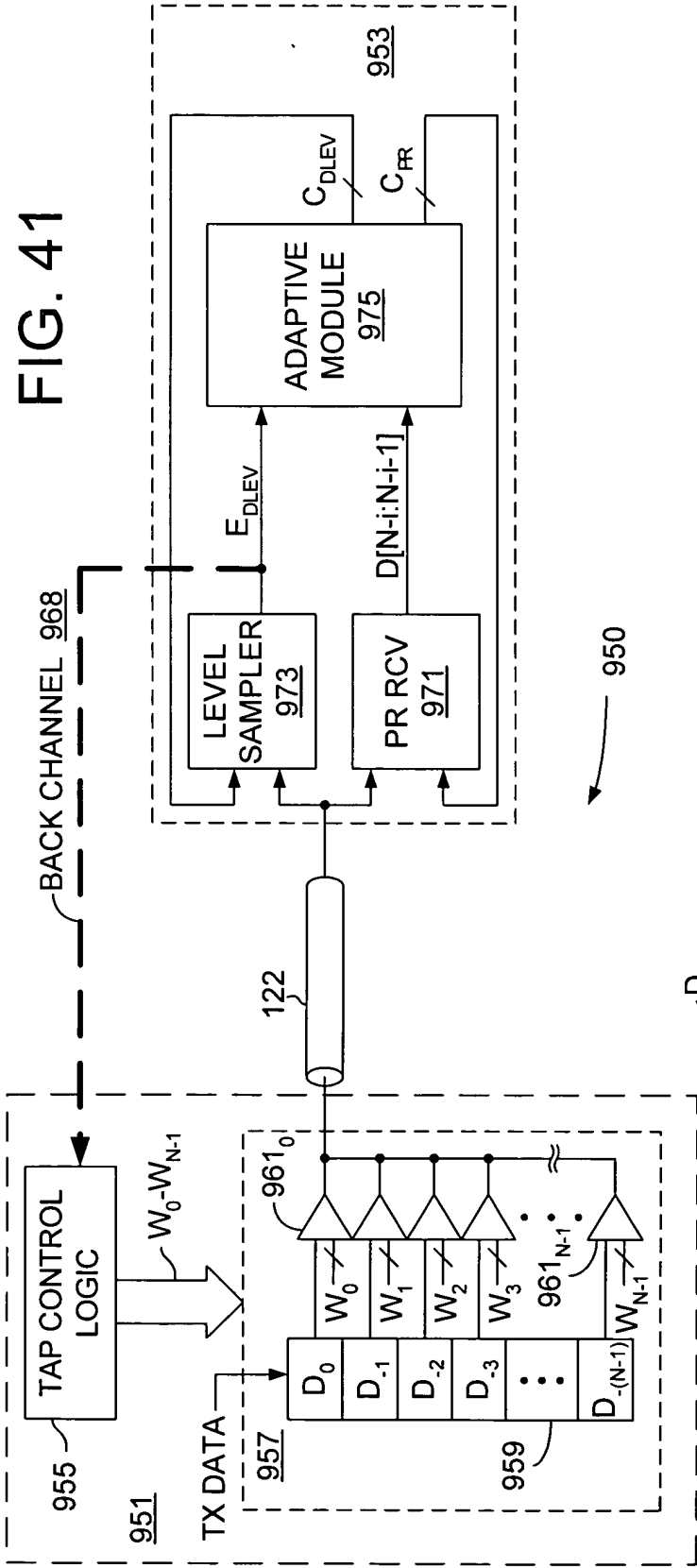


FIG. 39







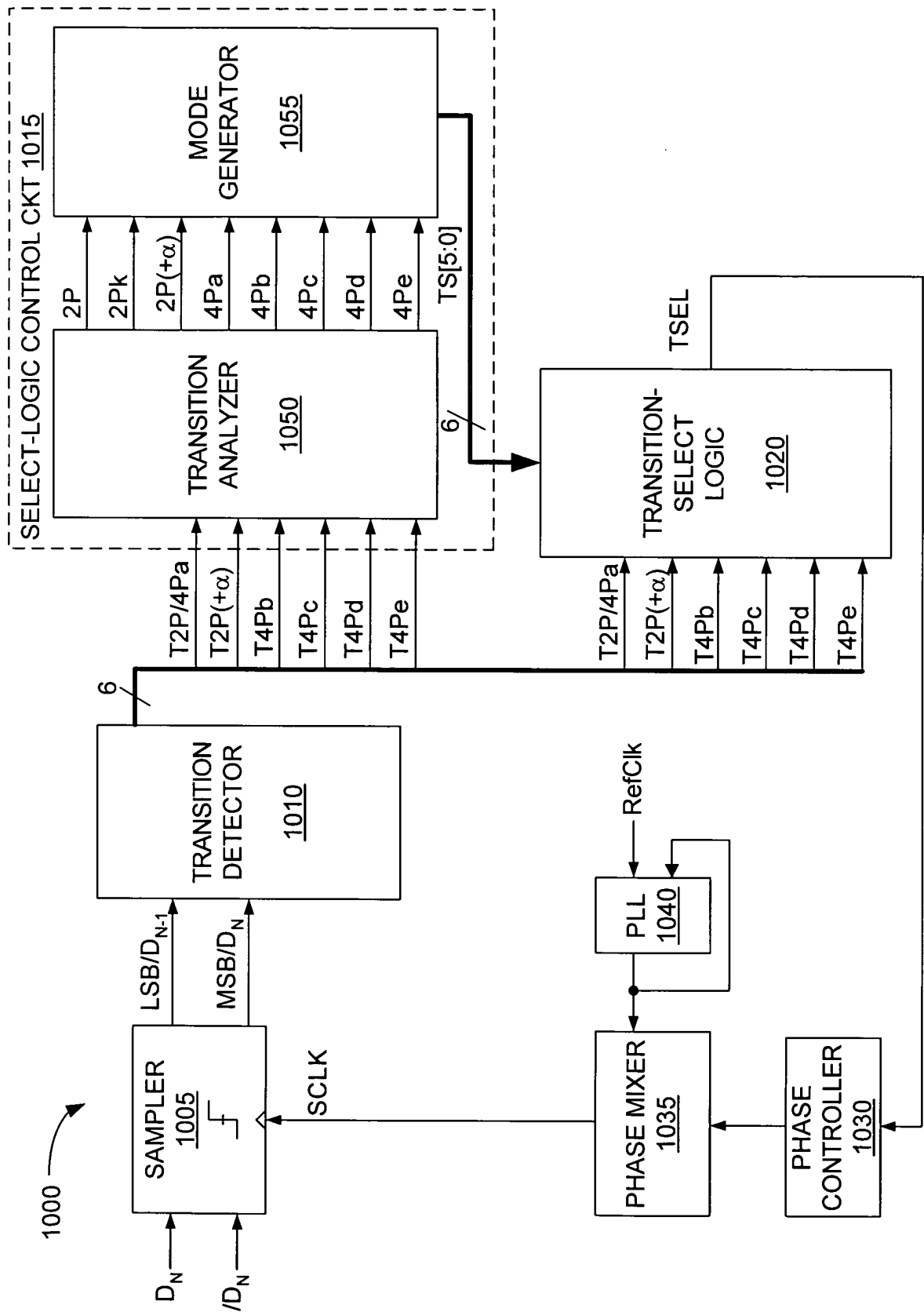


FIG. 44

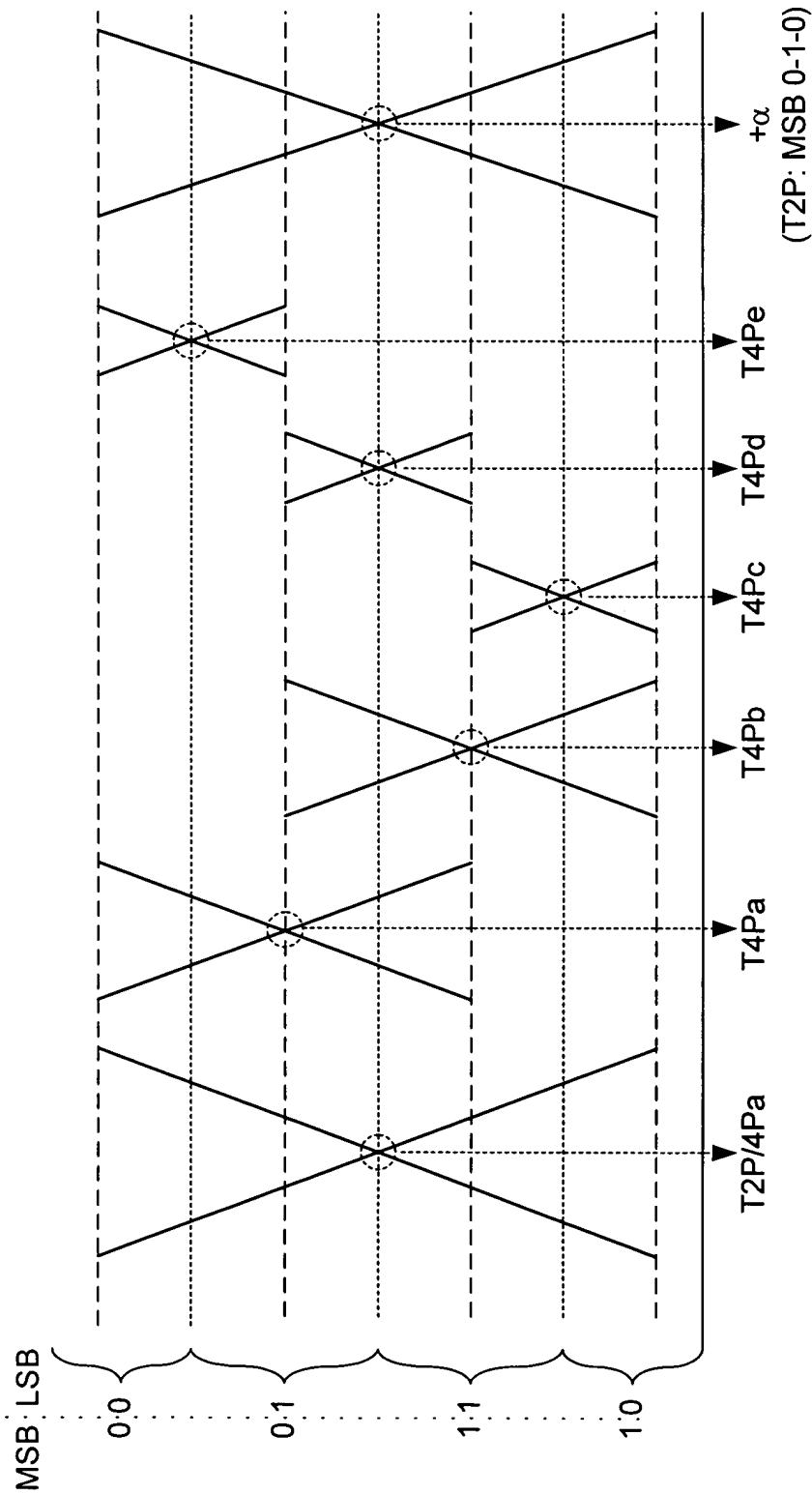


FIG. 45

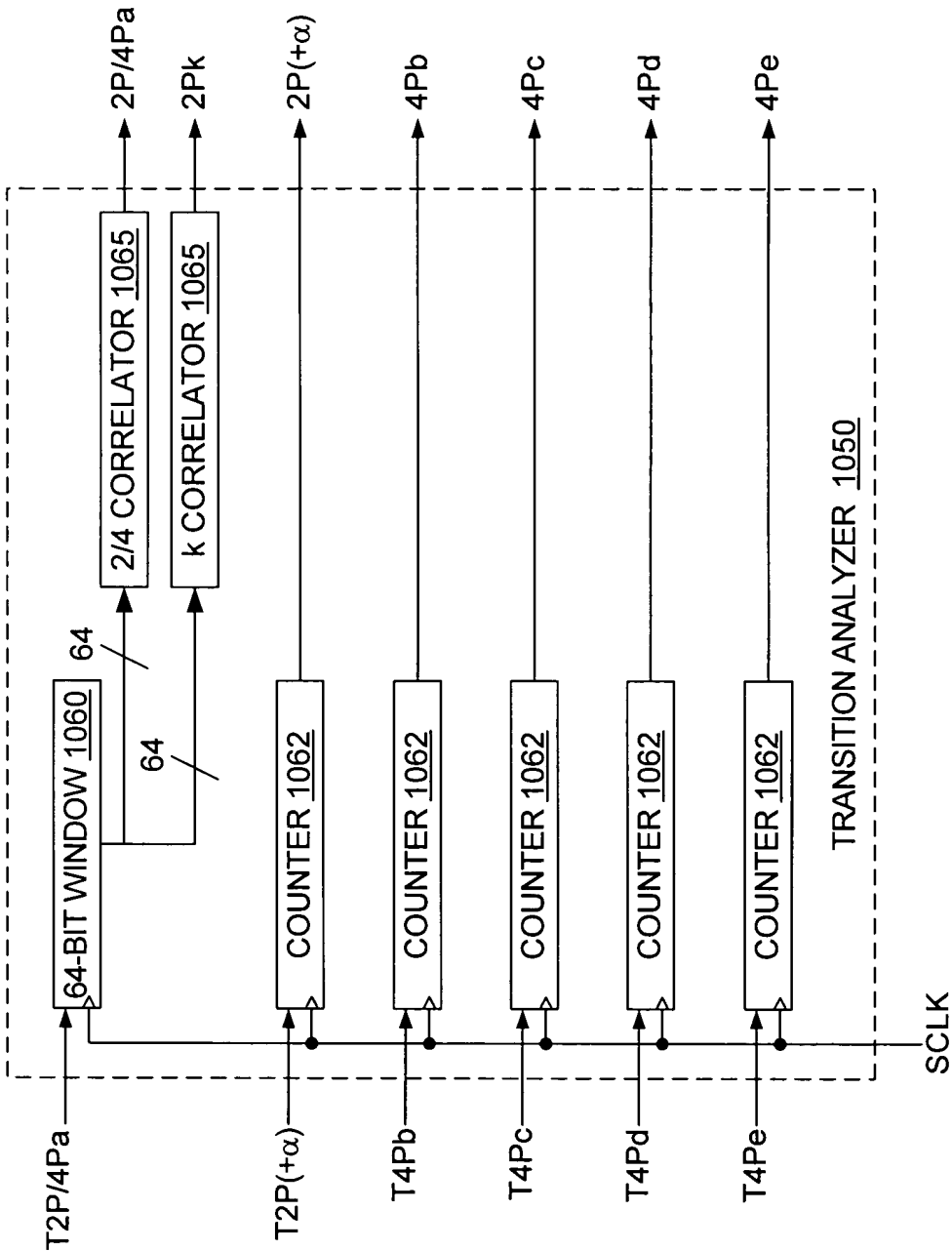


FIG. 46

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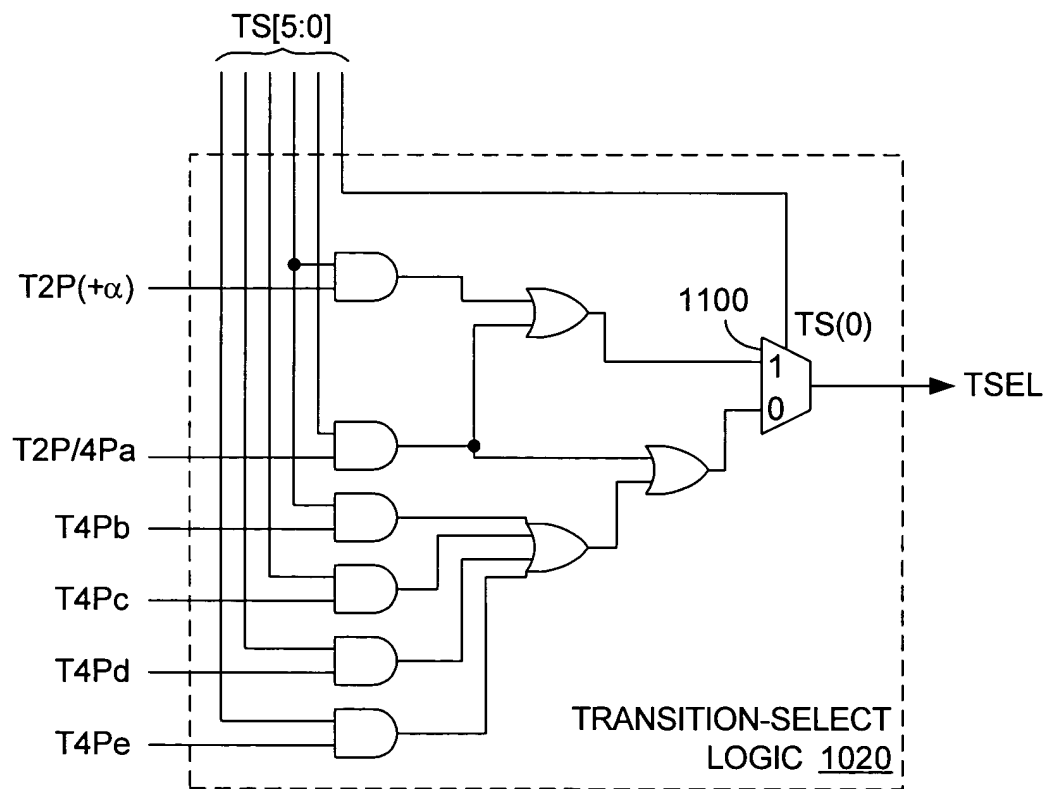


FIG. 47

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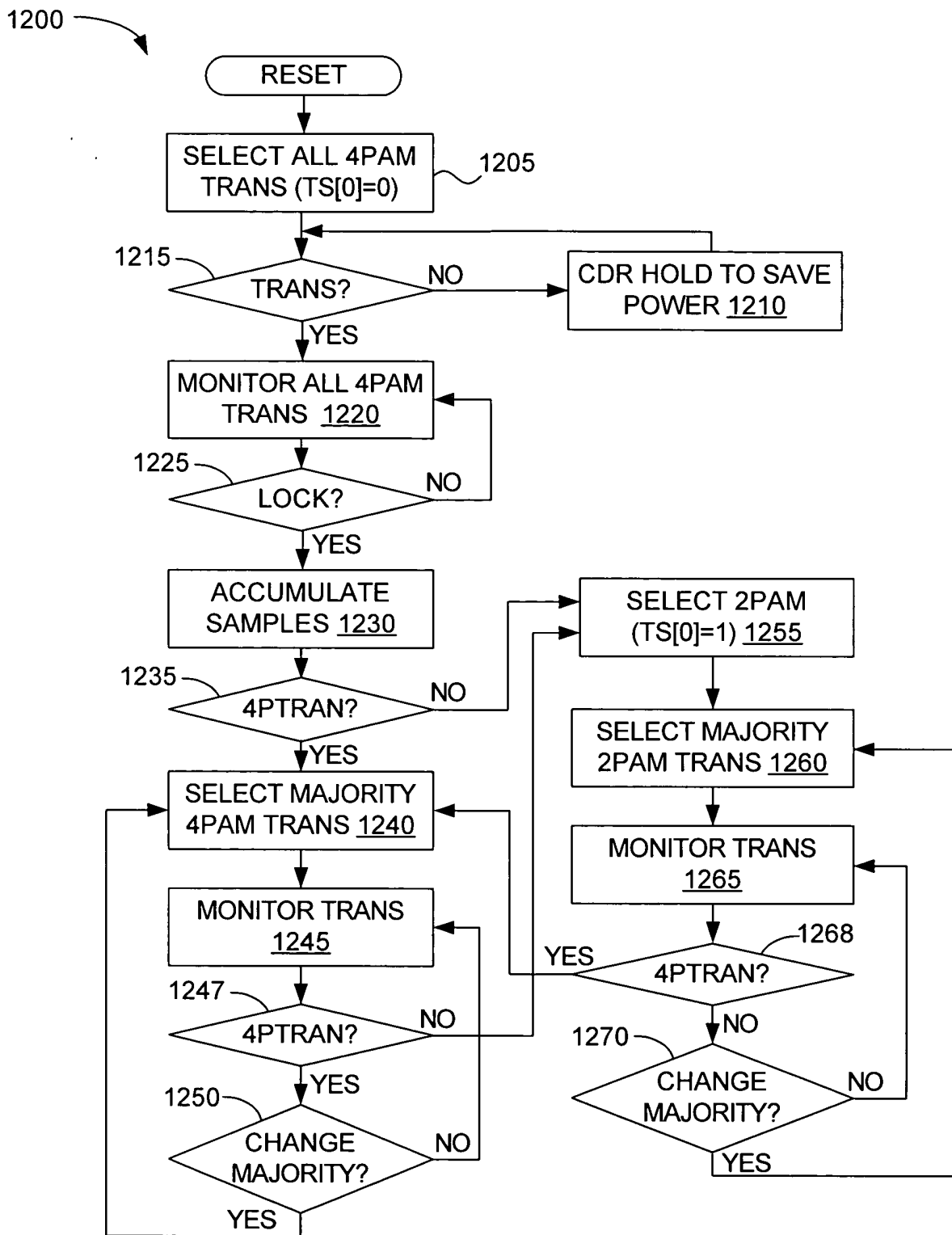


FIG. 48